

Fig. 1

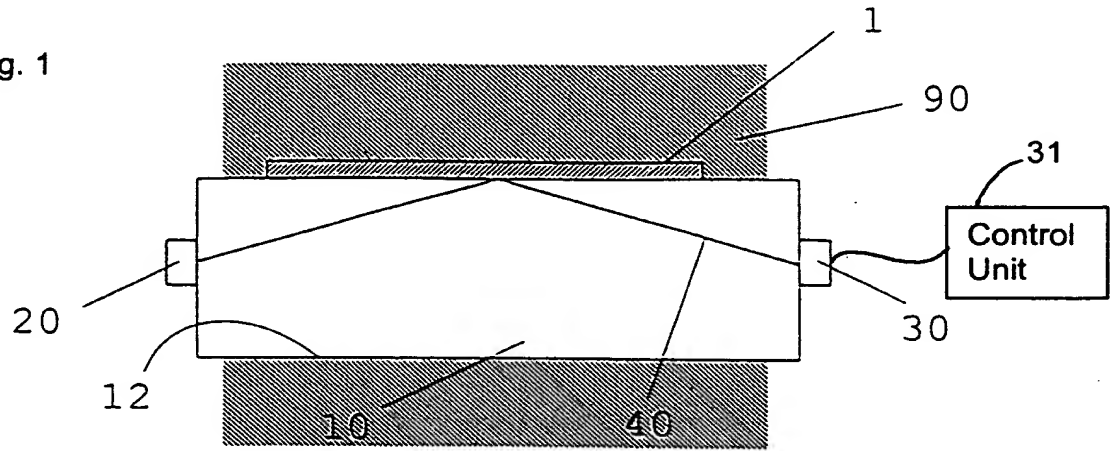


Fig. 2

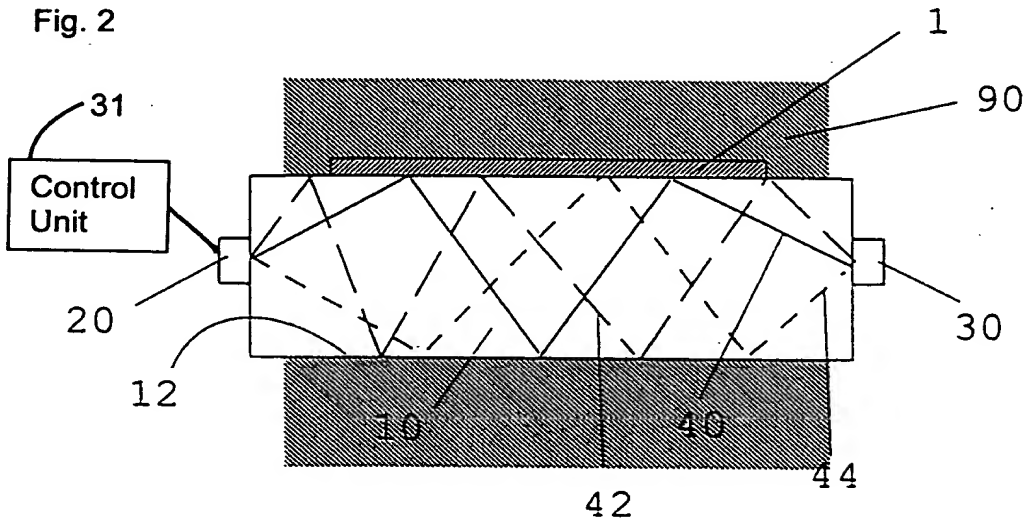
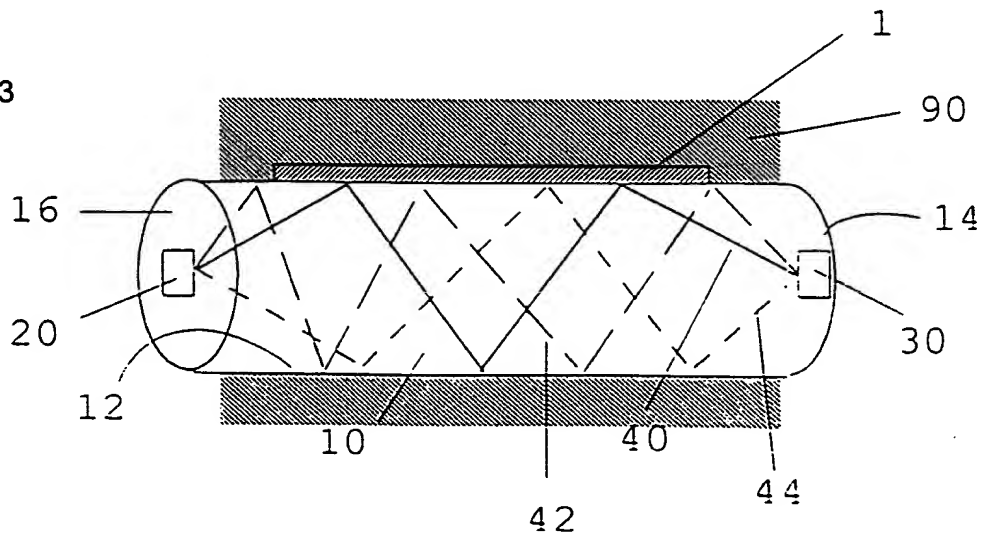


Fig. 3



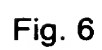


Fig. 7

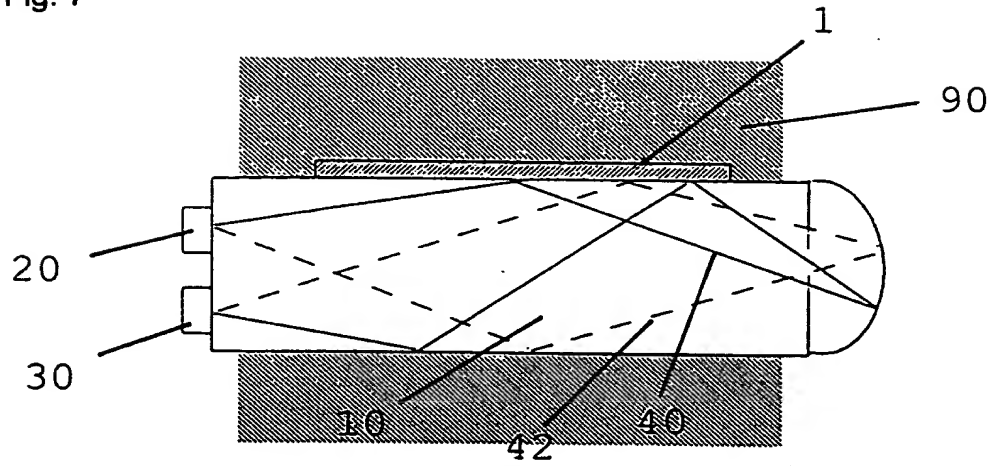
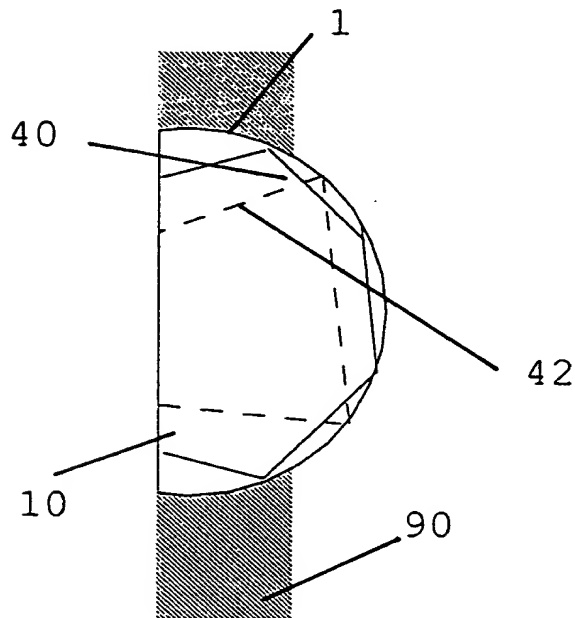


Fig. 8



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Diagram illustrating the proposed system components and their connection:

- AT**: A central white rectangular block, likely the Atomic Tunneling (AT) component.
- Connecting Piece**: A component located below the AT block, connected to it by a line.
- Detachable Sensor**: A component located to the right of the AT block, connected to it by a line.
- ST**: A label at the bottom right, likely representing the Scanning Tunneling (ST) tip or system.

**AT**